



AVIDHIFI

REFERENCE PRE-AMPLIFIER™



"Exceptional power demands
ultimate control"

Our obsession with perfection runs deep into the core of our Flagship Reference Pre-Amplifier. The attention to detail in every aspect of its design, development and ultimately its manufacture is second to none.

Feeding this beast is a huge 1Kva transformer into an enormous 350,000uF bank of bespoke built capacitors to guarantee that running out of power is just not possible. Our proprietary circuit design runs fully balanced topology akin to our Pulsare II phono stage offering exceptionally low noise and distortion across the entire audio spectrum. However, the Reference Pre-Amplifier goes even further using an active RIAA stage pushing performance to game changing levels of excellence.

The unparalleled performance of the legendary ALPS-RK50 volume control made it the obvious choice to wield the power of our flagship pre-amplifier. Manufactured to absurd limits this key component is indicative of our absolute purist approach. We also, somewhat controversially, omitted a 'performance-limiting' remote control motor and its field effects and were rewarded with a breathtaking perception of realism.

INPUTS

PHONO	2 x XLR (Pairs) / 2 x RCA (Pairs)
Gain	48dB – 60dB – 70dB
Resistance	100R – 300R - 500R - 1K – 5K 10K – 47K
Capacitance	100pF – 200pF – 500pF
Distortion	< 0.001%
RIAA Accuracy	5Hz - 70kHz +/-0.5dB (Neumann HF correction)
Noise	MM -81dB
(A weighted)	MC -67dB (high setting)
Channel separation	< -85dB 5Hz – 20KHz
LINE	3 x XLR (Pairs) / 3 x RCA (Pairs)
Nominal sensitivity	340mV Volume Full 100W XLR
Resistance	33 kOhms (XLR) / 82 kOhms (RCA)
Maximum input	11 Vrms XLR
Frequency response	5Hz—over 80kHz ± 1dB
Signal/Noise Ratio	100 dB - XLR/RCA (Awtd)
	50 W, ref. 1V input

OUTPUTS

Pre-amp output	2 x XLR (Pairs) / 2 x RCA (Pairs)
Line level output	1 x XLR (Pair) / 1 x RCA (Pair)
Nominal output	11 V
Output impedance	47 Ohms

POWER CONSUMPTION

Power supply	Independent 1000va transformer + 350,000uF Capacitor reserve
Voltage input	115V or 230V AC (region dependent)
Power Consumption	500 Watts (MAX) No Signal Idle
Mains input Socket	IEC C14 Type
Mains input Cable	IEC C13 Type

DIMENSIONS AND WEIGHTS

Dimensions	500 x 410 x 190mm (WxDxH)
Net weight	Control unit - 29Kg (64lb) PSU - 28Kg (62lb)
Packaging (each)	660 x 560 x 270mm (WxDxH)
Shipping weight	66.0Kg (146lb)



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